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PATENT  
TS1266 (US)  
DFH:EM

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Donald F. Haas

Date: September 9, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of )

ERIC J. M. DE BOER, )  
MARIJKE DE BOER-WILDSCHUT, )  
HARRY VAN DER HEIJDEN, and )  
ARIE VAN ZON )

Serial No. 10/668,592 )

Group Art Unit: 1754

Filed September 23, 2003 )

CATALYST SYSTEMS FOR ETHYLENE )  
OLIGOMERISATION TO LINEAR ALPHA )  
OLEFINS )

September 9, 2004

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

ERIC J. M. DE BOER,  
MARIJKE DE BOER-WILDSCHUT,  
HARRY VAN DER HEIJDEN, and  
ARIE VAN ZON

By

Attorney, Donald F. Haas  
Registration No. 26,177  
(713) 241-3356

P.O. Box 2463  
Houston, Texas 77252-2463

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TS1266 (US)APPLICATION NUMBER  
10/668,592LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
E. J. M. De Boer et al.FILING DATE  
September 23, 2003GROUP ART UNIT  
1754

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	2002/0028941	3/7/02	De Boer et al.	546	167	
	AB	5,955,555	9/21/99	Bennett	526	133	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	1,125,928 A1	8/22/01	Europe	C07D	213/53		
	AM							
	AN							
	AO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	"Olefin Polymerization with $[\text{bis}(\text{imino})\text{pyridyl}]\text{CO}^{\text{I**}}$ : Generation of the Active Species Involves $\text{CO}^{\text{I**}}$ , by T. Martijn Kooistra et al., Angewandte Chemie. International Edition, WILEY-VCH, Weinheim, DE, Vol. 40, No. 24, 17 December 2001, pp. 4719-4722
	AS	"The Nature of the Active Species in Bis(imino)pyridyl Cobalt Ethylene Polymerisation Catalysts," by Vernon C. Gibson, et al., Chemical Communications-Chemcom, Royal Society of Chemistry, GB, No. 21, 2001, pp. 2252-2253
	AT	"Iron-Based Catalysts with Exceptionally High Activities and Selectivities for Oligomerization of Ethylene to Linear $\alpha$ -Olefins," by Brooke L. Small et al., Journal of the American Chemical Society, Washington, DC, Vol. 120, No. 28, 22 July 1998, pp. 7143-7144

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No	
	BL							
	BM							
	BN							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

BR	"Late Metal Catalysts for Ethylene Homo- and Copolymerization," by Steven D. Ittel et al., Chemical Reviews, American Chemical Society, Easton, US, Vol. 100, No. 4, 2000, pp. 1169-1203
BS	"Oligomerisation of Ethylene by Bis(imino)pyridyliron and -cobalt Complexes, by George J. P. Britovsek et al., Chemistry - A European Journal, VCH Publishers, US, Vol. 6, No. 12, 2000, pp. 2221-2231
BT	"Novel Olefin Polymerization Catalysts Based on Iron and Cobalt," by George J. P. Britovsek et al., Chemical Communications-Chemcom, Roayl Society of Chemistry, GB, No. 7, 1998, pp. 849-850

## FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

## FOREIGN PATENT OFFICE

AT	International Search Report of 12 July 2004
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EXAMINER

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